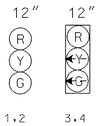
F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD	SEE TITLE SHEET		

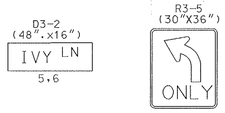
MD 201 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

PROPOSED SIGNALS

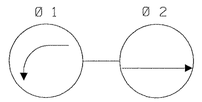


PROPOSED SIGNS (INSTALLED BY OTHERS)

PROPOSED SIGNS

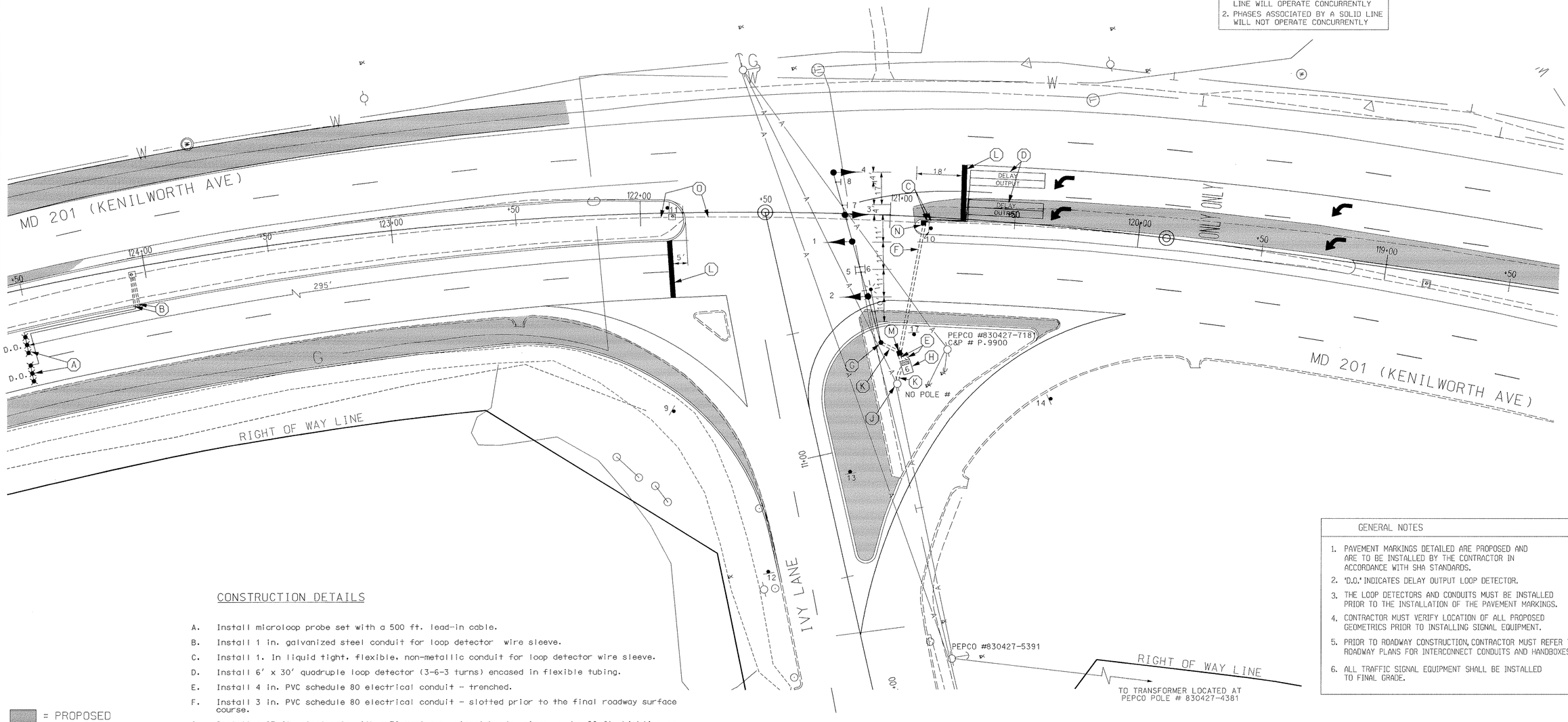


NEMA PHASING



FLASHING OPERATION

PHASING NOTES
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

A. Install microloop probe set with a 500 ft. lead-in cable.

B. Install 1 in. galvanized steel conduit for loop detector wire sleeve.

C. Install 1. In liquid tight, flexible, non-metallic conduit for loop detector wire sleeve.

D. Install 6' x 30' quadruple loop detector (3-6-3 turns) encased in flexible tubing.

E. Install 4 in. PVC schedule 80 electrical conduit - trenched.

F. Install 3 in. PVC schedule 80 electrical conduit - slotted prior to the final roadway surface course.

G. Install a 27 ft. steel pole with a 70 mast arm, signal heads, signs, and a 20 ft. Lighting arm with a 250 watt HPS lamp and luminaire at sta. 121+ 2; left 50'. (Note: one- 2 in. PVC schedule 80 conduit bend and four - 2 in. x 90 in. anchor bolts).

H. Install a base mounted controller and cabinet (size 6 at sta. 120+88; left 60'. (Note: two - four in. PVC, and two- 2 in. PVC schedule 80 conduit bends.

J. Install 2 in. PVC schedule 80 conduit riser on existing utility pole.

K. Install 2 in. PVC schedule 80 electrical conduit - trenched.

L. Install 24 in. White thermoplastic pavement marking tape.

M. Install electrical handhole.

N. Re-build electrical handhole.

O. Use existing conduit.

GENERAL NOTES
1. PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
2. 'D.O.' INDICATES DELAY OUTPUT LOOP DETECTOR.
3. THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
4. CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
5. PRIOR TO ROADWAY CONSTRUCTION, CONTRACTOR MUST REFER TO ROADWAY PLANS FOR INTERCONNECT CONDUITS AND HANDBOXES.
6. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.

= PROPOSED CONSTRUCTION

UTILITY LEGEND

T	TELEPHONE CABLES
G	GAS MAIN
W	WATER MAIN
S	SEWER MAIN
E	ELECTRIC CABLES
A	AERIAL CABLES
BC	BURIED CABLE
SD	STORM DRAIN

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

REVISIONS

APPROVALS

ASST. DIVISION CHIEF, TEDD

ASST. DISTRICT ENGINEER, TRAFFIC

12/9/97
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

12/22/97
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

DCI
CONSULTING ENGINEERS
COLUMBIA, MARYLAND

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

MD 201 (KENILWORTH AVE) AND IVY LANE

LOGMILE NO: 16020107.61

DATE 12/15/97

DRAWN BY:	J. ALLEN Jr.	F.A.P. NO.	STP-5019(11)E	PLAN SHEET NO.:	TS-3754
CHECK BY:	[illegible]	S.H.A. NO.	PG 214 B21	SHEET NO.	____ OF ____
SCALE:	1"=20'	COUNTY	PRINCE GEORGE'S		